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UNITED STATES PATENT AND TRADEMARK OFFICE

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CASE D0032 NP

**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Keith R. Lange  
Type or print name

  
Signature

November 20, 2003  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF

C. PATRICK MCATEE

APPLICATION NO: 10/045,202

FILED: OCTOBER 22, 2001

FOR: MODULATORS OF BRUTON'S TYROSINE KINASE AND  
BRUTON'S TYROSINE KINASE INTERMEDIATES AND METHODS  
FOR THEIR IDENTIFICATION AND USE IN THE TREATMENT AND  
PREVENTION OF OSTEOPOROSIS AND RELATED DISEASE  
STATES

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Commissioner for Patents  
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**FEE LETTER FOR INFORMATION DISCLOSURE STATEMENT**

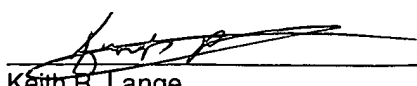
Sir:

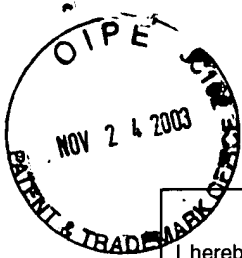
Please charge Deposit Account No. 19-3880 in the name of Bristol-Myers Squibb Company in the amount of \$180 for payment of the fee pursuant to 37 CFR §1.17(p) for the submission of an Information Disclosure Statement under 37 CFR §1.97(c).

An additional copy of this paper is here enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 19-3880 in the name of Bristol-Myers Squibb Company.

Respectfully submitted,

Bristol-Myers Squibb Company  
Patent Department  
P.O. Box 4000  
Princeton, NJ 08543-4000  
(609) 252-3883  
Date: November 20, 2003

  
Keith R. Lange  
Attorney for Applicant  
Reg. No. 44,201



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Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §1.56, applicant wishes to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

These references were cited in a search report in a corresponding PCT International application. Copies of these references and the search report are enclosed herewith.


The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

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Respectfully submitted,

Bristol-Myers Squibb Company  
Patent Department  
P.O. Box 4000  
Princeton, NJ 08543-4000  
(609) 252-3883

  
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Keith R. Lange  
Attorney for Applicant  
Reg. No. 44,201

Date: November 20, 2003

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
D0032 NP  
APPLICATION NO.  
10/045,202  
APPLICANT  
C. Patrick McAtee  
FILING DATE  
OCTOBER 22, 2001

Group

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM	WO 00 56737	9/28/00	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AN	WO 02 34899	5/2/02	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AO	WO 98 35056	8/13/98	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AP	WO 99 38998	8/5/99	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	WO 99 54286	10/28/99	PCT			<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Ma et al., "Identification of the binding site for Gqalpha on its effector Bruton's tyrosine kinase", Proc. Natl. Acad. Sci. USA, 95:12197-12201 (1998)
	AS	Mahajan et al., "Rational design and synthesis of a novel anti-leukemic agent targeting Bruton's tyrosine kinase (BTK), LFM-A13..", J. Biol. Chem. 274:9587-9599 (1999)
	AT	Mano, "Tec family of protein-tyrosine kinases: an overview of their structure and function", Cytokine & Growth Factor Reviews, 10:267-280 (1999)

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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Group



## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AA	Roux et al., "Bone loss: factors that regulate osteoclast differentiation: an update", Arthritis Res. 2:451-456 (2000)
AB	
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EXAMINER

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